

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/AU2004/001273

**A. CLASSIFICATION OF SUBJECT MATTER**

Int. Cl. <sup>7</sup>: H04Q 7/36; G08B 1/00

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
WPAT, USPTO, ESP@CENET, IEEEXplore - keywords: RF, wireless, base station, power, strength, micro-cell, adjusting and the like.

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

| Category* | Citation of document, with indication, where appropriate, of the relevant passages        | Relevant to claim No. |
|-----------|---|-----------------------|
| A         | WO 2001/078434 A1 (QUEEN MARY & WESTFIELD COLLEGE et al.) 18 October 2001<br>See abstract | All                   |
| A         | EP 0866628 A2 (AT&T CORPORATION) 23 September 1998<br>See entire document                 | All                   |
| A         | GB 2311191 A (NEC CORPORATION) 17 September 1997<br>See abstract, Figure 4                | All                   |
| A         | US 2003/0085808 A1 (GOLDBERG) 8 May 2003<br>Paragraph 36 & Figure 1                       | 9, 10, 19, 20         |

Further documents are listed in the continuation of Box C

See patent family annex

|  |  |
|--|--|
| * Special categories of cited documents: |  |
| "A"                                      | document defining the general state of the art which is not considered to be of particular relevance   |
| "E"                                      | earlier application or patent but published on or after the international filing date  |
| "L"                                      | document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  |
| "O"                                      | document referring to an oral disclosure, use, exhibition or other means   |
| "P"                                      | document published prior to the international filing date but later than the priority date claimed   |
| "T"                                      | later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention  |
| "X"                                      | document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone   |
| "Y"                                      | document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art |
| "&"                                      | document member of the same patent family  |

Date of the actual completion of the international search  
17 November 2004

Date of mailing of the international search report

29 NOV 2004

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| C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT |  |                       |
|---|--|-----------------------|
| Category*   | Citation of document, with indication, where appropriate, of the relevant passages               | Relevant to claim No. |
| A   | US 6304218 B1 (SUGIURA et al.) 16 October 2001<br>See entire document                            | 9, 10, 19, 20         |
| A   | WO 2001/011386 A1 (KONINKLIJKE PHILIPS ELECTRONICS N.V.) 15 February 2001<br>See entire document | 9, 10, 19, 20         |

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU2004/001273

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

| Patent Document Cited in<br>Search Report |             |      |            | Patent Family Member |         |    |            |
|---|-------------|------|------------|----------------------|---------|----|------------|
| WO  | 2001/078434 | AU   | 48548/01   | EP                   | 1279308 | GB | 2361385    |
|   |             | US   | 2004043764 |                      |         |    |            |
| EP  | 0866628     | CA   | 2217288    | CN                   | 1201356 | JP | 10322761   |
|   |             | US   | 6052596    |                      |         |    |            |
| GB  | 2311191     | AU   | 15189/97   | GB                   | 2350024 | GB | 2350025    |
|   |             | GB   | 2350026    | JP                   | 8269172 | JP | 9247085    |
|   |             | US   | 5898682    |                      |         |    |            |
| US  | 20030085808 | NONE |            |                      |         |    |            |
| US  | 6304218     | CN   | 1164807    | GB                   | 2311697 | GB | 2329801    |
|   |             | HK   | 1001650    | HK                   | 1016807 | JP | 10051840   |
|   |             | JP   | 10094040   | SQ                   | 97756   | US | 6140964    |
|   |             | US   | 6259406    | US                   | 6275190 | US | 6359587    |
|   |             | US   | 6362783    |                      |         |    |            |
| WO  | 2001/011386 | EP   | 1119778    | US                   | 6657549 | US | 2004038677 |

Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.

END OF ANNEX